

April 21, 2017

**VIA ELECTRONIC FILING**

Ms. Jocelyn Boyd  
Chief Clerk & Administrator  
Public Service Commission of South Carolina  
Synergy Business Park, Saluda Building  
101 Executive Center Drive, Suite 100  
Columbia, SC 29210

**Re: McCutcheon v. Duke Energy Carolinas, LLC**  
**Docket No. 2017-32-E**

Dear Ms. Boyd:

As requested by the Commission, enclosed for filing on behalf of Duke Energy Carolinas please find late-filed Hearing Exhibit No. 9. By copy of this letter we are serving the parties of record.

The first five pages of Exhibit 9 is a document that was prepared in the last two years by the Company's Regulatory Affairs department with assistance and input from legal staff and others. It is an internal document intended to be used by customer service staff and others who are required to address questions relating to the availability of the Greenwood Rate as those questions arise. The last two pages of Exhibit 9 is a form that inquiring customers use to provide information to the Company that is used to determine the applicability of the Greenwood Rate.

Should there be any questions about this filing please contact us.

Yours truly,



Frank R. Ellerbe, III

FRE:tch

Enclosure

cc w/enc: Alexander G. Shissias, Esquire (via email)  
John J. Fantry Jr., Esquire (via email)  
Jeffrey M. Nelson, Chief Counsel, Director-Legal Services (via email)  
Heather Shirley Smith, Deputy General Counsel (via email)  
Rebecca J. Dulin, Senior Counsel (via email)  
Kim H. Smith, Regulatory Affairs (via email)

**BEFORE  
THE PUBLIC SERVICE COMMISSION  
OF SOUTH CAROLINA  
Docket No. 2017-32-E**

<b>In Re:</b>	)
	)
<b>3109 Hwy. 25 S. L.L.C. d/b/a 25 Drive-In</b>	)
<b>and Tommy McCutcheon,</b>	)
	)
<b>Complainant/Petitioner,</b>	)
	)
<b>v.</b>	)
	)
<b>Duke Energy Carolinas, LLC</b>	)
	)
<b>Defendant/Respondent.</b>	)

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**LATE-FILED HEARING EXHIBIT NO. 9  
ON BEHALF OF DUKE ENERGY CAROLINAS, LLC**

## Greenwood Rate Scenarios

Duke Energy Carolinas continues to serve some locations in Greenwood County, South Carolina that existed prior to July 1, 1965, on rates that do not increase. The majority are residential services, some lighting services and a few general service/industrial. The provisions under which the Company acquired the old Greenwood County Electric System provide that the location remains on the old (lower) rate as long as

(a) **The Greenwood County Rate is lower than the Duke Energy rate.**

Due to numerous rate increases that have occurred since 1965, (a) above is no longer applicable.

(b) **There is not a new connection or a change in the character (e.g. rate classification, substantial change in use) of the service.**

Example: If a residence is turned into a business, the rate is changed to a Duke Energy Carolinas nonresidential rate. Note: There are a small number of accounts on the Greenwood County Residential Rate that are not residences (e.g. auxiliary services at a residence, some churches nonprofits or other similar accounts). Services of this type can remain on the Greenwood rate unless the change is due to other factors such as those listed below.

A new connection will normally require a change to the Duke Energy Carolinas rates, but not always. **The examples provide guidance but do not include all situations we may encounter. When in doubt, please discuss with our SC legal or regulatory affairs representative.**

1	Read-in, read-out between customers (no disconnection of service.	This is not a change in connection – the service was not disconnected, Greenwood rate is still available.
2	Disconnection of service for nonpayment (meter booted off) and reconnection is requested	This is not a change in connection – the meter is just disabled. Greenwood rate is still available.
3	Disconnection of service between occupants (meter booted off) and reconnection is requested	This is not a change in connection - the meter is just disabled. Greenwood rate is still available
4	Service has been disconnected and meter and/or service has been removed (customer request, house fire, etc.). Reconnection is requested.	Owner must submit the Greenwood Rate Form to determine if changes to service, wiring etc. has been or will be performed before reconnection. Availability of the Greenwood rate depends on response and situation should be covered fewer than one of the numbered items in this document.

5	Service has been disconnected due to safety hazard determined by Duke Energy Carolinas or by electrical inspector.	<p>Electrical inspection is required.</p> <p>To pass inspection, the size of the meter base must match the size of the internal panel.</p> <ul style="list-style-type: none"> <li>• If the meter base is replaced with <u>a</u> 100 amp meter base or smaller and inspection passes, Greenwood rate is still available.</li> <li>• If the meter base is replaced with meter base larger than 100 amps and the installation passes inspection, Greenwood rate is <u>NOT</u> available.</li> <li>• If the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.</li> </ul>
6	The owner chooses or is required to change out the meter base for any reason such as age of the meter base, remodeling, storm damage, increasing in load e.g. changing out gas heat to electric heat)	<p>Meter base replacement requires an inspection. To pass inspection, the size of the meter base must match the size of the internal panel.</p> <ul style="list-style-type: none"> <li>• If the meter base is replaced with a 100 amp meter base or smaller and inspection passes, Greenwood rate is still available.</li> <li>• If the meter base is replaced with a meter base larger than 100 amps and the installation passes inspection, Greenwood rate is <u>NOT</u> available.</li> <li>• If the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.</li> </ul>
7	Service wire needs to be replaced due to normal wear and tear and NOT due to increased load.	This should be considered normal maintenance and the Greenwood rate is still available.
8	Power outage with break in service wire.	If facilities can be put back in place and no inspection is required, Greenwood rate is still available. If meter base is also damaged see #6.
9	Owner requires the service line to be dropped temporarily in order to cut a tree.	If facilities can be put back in place (no change in attachment point or meter base), and no inspection is required, Greenwood rate is available.
10	Service wire needs to be replaced due to load (usage history must be reviewed to determine the amount of load – in many cases load was added some time ago, but problems did not occur immediately.)	If the customer's load has increased above that for which the facilities were originally designed, this constitutes a change in the character of the service and the Greenwood rate is not available.

11	<p>Meter base and/or customer owned disconnect wiring is on a Duke Energy Carolinas owned pole. Wires are burned up due to load.</p> <p><i>Note – this is often referred to as line-load meter.</i></p>	<p>The meter base needs to be moved to the house. Increase in load is a change in the character of the service. The Greenwood rate is <u>NOT</u> available.</p>
12	<p>Meter base and/or customer owned disconnect wiring is on a Duke Energy Carolinas owned-pole. The pole needs to be replaced due to a vehicle accident or because it is rotten.</p> <p><i>Note – this is often referred to as line-load meter.</i></p>	<p>The meter base needs to be moved to the house. Meter base replacement requires an inspection. To pass inspection, the size of the meter base must match the size of the internal panel.</p> <ul style="list-style-type: none"> <li>• If the meter base is replaced with the same meter base, or one that is 100s amps or small and passes inspection, Greenwood rate is still available.</li> <li>• If the meter base is replaced with a meter base larger than 100 amps and passes inspection, Greenwood rate is <u>NOT</u> available.</li> <li>• If the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.</li> </ul>
13	<p>Service is disconnected for unauthorized use and service is cut off at the pole or riser per request of Energy Protection. EP situation is cleared and there is no damage to facilities requiring additional investment and no inspection is required.</p>	<p>In this case the service disconnection was likely performed in this manner to avoid further unauthorized use. If service can be reconnected without changes in the meter base or DEC facilities, Greenwood rate is still available.</p>
14	<p>Service is disconnected for unauthorized use and service is cut off at the pole or riser per request of Energy Protection. The meter base is damaged and an inspection is required.</p>	<p>Meter base replacement requires an inspection. To pass inspection, the size of the meter base matches the size of the internal panel.</p> <ul style="list-style-type: none"> <li>• If the meter base is replaced with a 100 amp meter base or smaller and inspection passes, Greenwood rate is still available.</li> <li>• If the meter base is replaced with a meter base larger than 100 amps and the installation passes inspection, Greenwood rate is <u>NOT</u> available.</li> <li>• If the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.</li> </ul>

15	Service has been disconnected due to a house fire	<p>The cause of the fire needs to be determined. In some cases, these fires are electrical in nature and may be caused by inadequate internal wiring due to increased load.</p> <ul style="list-style-type: none"> <li>• If it is determined that the electrical facilities were not sufficient for the load, Greenwood rate is <u>NOT</u> available.</li> <li>• If it is determined that the fire was minor in nature (e.g. grease fire on a stove, burning paper in a trash can), and there is no remodeling, rewiring required and no electrical inspection is required, Greenwood rate is still available.</li> </ul> <p>Note: Fire department reports, building permits, or simply the amount of time between the fire and the reconnection would be useful information in making a determination.</p>
16	Service line is lower than current electrical code requirements but may still meet code at time of installation and wants to raise the attachment.	<p>The owner can raise the attachment point (often requiring a mast through the roof). An electrical inspection is required. If the installation passes inspection (i.e. the meter base size and internal panel size match), Greenwood rate is still available. If the installation does not pass inspection due to a mismatch in the facilities.</p> <ul style="list-style-type: none"> <li>• If the owner makes changes such that the installation passes inspection with a 100 amp meter base or smaller, Greenwood rate is still available.</li> <li>• If the owner makes changes to get the inspection to pass and the meter base 100 amps or larger, Greenwood rate is <u>NOT</u> available.</li> <li>• If the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.</li> </ul>
17	Service line is lower than current electrical code requirements but may still meet code at time of installation and wants a pole installed to raise the conductor.	<p>The owner may request Duke Energy Carolinas to install a pole to raise the conductor, if feasible. The cost of installation of the new pole is the responsibility of the owner. Provided there are no other service changes, the Greenwood rate is still available.</p>
18	Service line is lower than current electrical code requirements and is deemed unsafe.	<p>In order to maintain service, the owner must raise the attachment point or request installation of a new pole. Greenwood rate may be available depending on customer's action (see #16 and #17)</p>
19	Customer wants to convert from overhead to underground service.	<p>This is a new connection, Greenwood Rate is <u>NOT</u> available.</p>
20	Customer moves the attachment point and/or meter base to another location on the building	<p>This is a new connection, Greenwood Rate is <u>NOT</u> available.</p>

21	Electric service is inactive. Meter and service lines have been removed. New service requested.	This is a new connection, Greenwood Rate is <u>NOT</u> available.
22	Customer has active service for a Duke-owned mercury vapor light and the light fails.	Mercury vapor lights cannot be replaced; therefore, the customer can no longer lease a light on the Greenwood rate. Duke Energy Carolinas will change the light to an LED light on Schedule OL; otherwise the customer can discontinue lighting service. Also note, some Greenwood lights are “shared” (the bill is split among 2 or more customers). Sharing is not allowed under Schedule OL. One customer must be responsible for the bill.

Note1 : Most Greenwood Rate accounts were originally served with 60 amp meter meters which are essentially no longer available. The guidelines provided above take into consideration customers who have not added load, i.e. changed the character of their service, but are unable to replace the meter base with one of comparable size. This is the reason we are allowing the change to 100 amps in some situations. As a result, customers who have not substantially increased load will be allowed to remain on the Greenwood Rate if they install a new meter base that is most comparable to what would have been originally installed. However, if the original service, e.g. nonresidential was 100 amps or larger, the meter base must be replaced with the same size as was originally installed for the Greenwood rate to still be available.

Note2: Field investigations or other information may be necessary to ensure these guidelines are properly administered.

Owners' Request for Information Regarding the Duke Energy Carolinas (DEC) Applicable Electric Rate in Greenwood County

Service Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Property Owner name \_\_\_\_\_ Best Contact Telephone number \_\_\_\_\_

Owner mailing address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email address \_\_\_\_\_ DEC Account Name \_\_\_\_\_ DEC account No. \_\_\_\_\_

Describe the type of service or establishment for metered service (e.g. residence, business, well pump) \_\_\_\_\_

As of the date of this request, is the power on or off? \_\_\_\_\_ Is there a meter installed? \_\_\_\_\_

Provide the meter number \_\_\_\_\_ and a photograph such that the meter number can be easily read

Have any wiring changes or load additions been made or are planned? \_\_\_\_\_ If so, please complete page 2 of this form.

Are there any other metered or unmetered services at the same service address? \_\_\_\_\_ If so please describe

\_\_\_\_\_  
I certify that the information provided is complete and accurate.

Date \_\_\_\_\_ Owner Signature \_\_\_\_\_

Please submit this form to

Duke Energy Carolinas

9700 David Taylor Dr.

Charlotte, NC 28262

Attn: Consumer Affairs or email to [Greenwoodrate@duke-energy.com](mailto:Greenwoodrate@duke-energy.com)

For Company Use Only

DEC has reviewed your request for information regarding the electric rate applicable to the service as described above and based on this information responds as follows:

\_\_\_\_\_ This location is currently served on DEC's approved rate schedule \_\_\_\_\_.

\_\_\_\_\_ This location is receiving service on the old Greenwood County Electric rate as of \_\_\_\_\_. DEC is unable to state whether the location will be eligible for this rate at any time after the date shown below.

\_\_\_\_\_ This location is not currently receiving electric service and upon reconnection the service will be served on the applicable DEC electric rate.

\_\_\_\_\_ This location is not currently receiving electric service and may be eligible for the old Greenwood County Electric rate upon reconnection but DEC is unable to state whether the location will be eligible for this rate at any time in the future.

\_\_\_\_\_ Based on the wiring changes indicated, the service may be eligible for the old Greenwood County Electric rate.

\_\_\_\_\_ Based on the wiring changes indicated, the service is not eligible for the old Greenwood County Electric rate.

\_\_\_\_\_ DEC does not have sufficient information to respond to your request.

\_\_\_\_\_  
Duke Energy Carolinas Representative

\_\_\_\_\_  
Date



Owners' Request for Information Regarding the Duke Energy Carolinas (DEC) Applicable Electric Rate in Greenwood County

Service Street Address \_\_\_\_\_

If wiring changes or load additions have been made please describe the changes and/or load additions and when changes or additions were made?

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If wiring changes or load additions are planned, please describe the nature of any load additions and detailed specific changes to wiring and expected date. (Note: information regarding wiring changes should be completed by a licensed electrician)

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Will the wiring changes require upgrades to meet current electrical codes? If so, please explain. (Note: this information should be completed by a licensed electrician)

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What specific work, if any is being requested by Duke Energy Carolinas regarding its facilities, to facilitate changes in the customer's electrical facilities.

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Electrician Name \_\_\_\_\_ Contact Phone number \_\_\_\_\_

\_\_\_\_\_

Electrician signature

\_\_\_\_\_

Date

## Docket No. 2017-32-E

**Defendant/Respondent.**

## CERTIFICATE OF SERVICE

Jon C. Hawkins